Michigan Technological University
Minor in Earth Sciences
Program Code EGLM, Academic Year 2026-2027
Department of Geological and Mining Engineering and Sciences
Minimum Credits Required: 18

Required Courses: Select one course for 3 credits

Note that GE2000 is a prerequisite for a number of elective courses. GE2000 or GE2100, if not taken as required can be taken as an elective.

- GE 2000 Understanding the Earth (3) *Prereqs: none*
- GE 2100 Environmental Geology (3) *Prereqs: none*

Elective Courses: Select two courses for 6 credits

- GE 2000 Understanding the Earth (3) *Prereqs: none*
- GE 2100 Environmental Geology (3) *Prereqs: none*
- GE 2300 Mineral Science (3) *Prereqs: CH1000 or CH1112 or (CH1150 and CH1151)*
- GE 2310 Introduction to Petrology (3) *Prereqs: GE2300*
- GE 2640 Atmospheric Observation/Meteorology (3) *Prereqs: none*

Elective Courses: Select three courses for 9 credits

- GE 3040 Fundamentals of Geophysics (3) *Prereqs: PH2200*
- GE 3050 Structural Geology (3) *Prereqs: GE2000*
- GE 3100 Depositional Systems (3) *Prereqs: GE2000 and GE2310*
- GE 3200 Geochemistry (3) *Prereqs: CH1150 and CH1151*
- GE 3320 Earth History (3) *Prereqs: GE2000 and GE2100*
- GE 4150 Natural Hazards (3) *Prereqs: GE2000 and GE2100*